S/N 10/813,612 PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: CARLSON Examiner: MARK L. SHIBUYA

Serial No.: 10/813,612 Group Art Unit: 1639

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Confirmation No.: 4342

Title: ARTIFICIAL RECEPTORS INCLUDING REVERSIBLY IMMOBILIZED

BUILDING BLOCKS AND METHODS

## AMENDMENT AND RESPONSE

Mail Stop AMENDMENT Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated August 7, 2007, the following amendment is respectfully submitted.

 $\label{eq:Amendments} \textbf{Amendments to the Claims} \text{ are reflected in the listing of claims which begins on page 2} of this paper.$ 

Remarks begin on page 11 of this paper.